

P516-0475

Chemical Properties

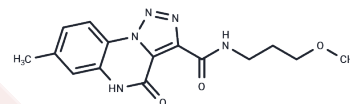
CAS No. : 1359627-33-0

Formula: C₁₅H₁₇N₅O₃

Molecular Weight: 315.33

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	P516-0475 is a novel chemical inducer of Streptococcus quorum sensing acts by inhibiting the pheromone-degrading endopeptidase PepO. This compound induces quorum sensing by stabilizing SHP pheromones in culture.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1713 mL	15.8564 mL	31.7128 mL
5 mM	0.6343 mL	3.1713 mL	6.3426 mL
10 mM	0.3171 mL	1.5856 mL	3.1713 mL
50 mM	0.0634 mL	0.3171 mL	0.6343 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481